Abstract

$$R_{5}Y \xrightarrow{A} \xrightarrow{N} \xrightarrow{4} \xrightarrow{3} \xrightarrow{2} \xrightarrow{1} \xrightarrow{B} \xrightarrow{N} \xrightarrow{R_{4}} (I^{*})$$

The present invention relates to the new use of 2,4-diamino-3-hydroxycarboxylic acids of formula (I), in which A and B independently represent a bond or an unsubstituted or substituted amino acyl moiety; R1 represents hydrogen; an amino protecting group; or a group of formula R₅Y- wherein R₅ represents hydrogen or an unsubstituted or substituted alkyl, alkenyl, alkinyl, aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocyclyl or heterocyclylalkyl group; and Y represents -CO-; -NH-CO-; -NH-CS-; -SO₂-; -O-CO-; or -O-CS-; R2 represents the side chain of a natural amino acid; an alkyl, arylalkyl, heteroarylalkyl or cycloalkylalkyl group; or trimethylsilylmethyl, 2-thienylmethyl or styrylmethyl; R₃ represents halogen, alkyl, alkoxy or hydroxyalkoxy; and R4 represents 2(R)-hydroxyindan-1(S)-yl; (S)-2hydroxy-1-phenylethyl; or 2-hydroxy-benzyl unsubstituted or substituted in 4-position by methoxy; in the manufacture of a pharmaceutical composition for the treatment of a proliferative disease, e.g., of a solid tumor; to a method of treatment of warm-blooded animals; and to 2,4-diamino-3-hydroxycarboxylic acids of formula (I*), wherein A and B independently represent an unsubstituted or substituted amino acyl moiety; R2 represents arylalkyl; R₃ represents halogen, alkyl, alkoxy or hydroxyalkoxy; R₄represents 2-hydroxybenzyl unsubstituted or substituted in 4 position by methoxy; and R₅represents arylalkyl and Y represents -CO-; or R5 represents alkyl substituted by cycloalkyl, naphthyl, pyridyl or phenyl in which phenyl is substituted by alkyl or amino; and Y represents -O-CO; pharmaceutically acceptable salts thereof; and the use of such compounds of formula (I*) for the therapeutic treatment of the human or animal body, especially the treatment of proliferative diseases.